

Claim Listing

1. (previously presented) A switching device comprising:
a transmitter and a receiver operable to provide wireless communication between the switching device and a selected one of a plurality of available computing devices and between the switching device and a peripheral device;
a computer readable medium having instructions for:
maintaining a list of the available computing devices;
receiving a user communication selecting from among the list of available computing devices; and
utilizing the transmitter and the receiver to establish a first wireless link between the peripheral device and the switching device and a second wireless link between the switching device and a computing device selected from the list of available computing devices;
a processor operable to execute the instructions.

2. (previously presented) The switching device of claim 1, wherein the instructions for utilizing the transmitter and the receiver include instructions for utilizing the transmitter and receiver to establish the first wireless link between the switching device and a plurality of peripheral devices that can be used by a user to interact with the selected computing device.

3. (original) The switching device of claim 2, wherein said at least one peripheral device comprises a keyboard.

4. (original) The switching device of claim 2, wherein said at least one peripheral device comprises a mouse.

5. (original) The switching device of claim 2, wherein said at least one peripheral device comprises a display.

6. (original) The switching device of claim 2, wherein said at least one

peripheral device comprises one or more of a keyboard, a mouse and a display.

7. (original) The switching device of claim 1, wherein the transmitter and receiver are configured to establish a wireless link via BlueTooth.

8. (original) The switching device of claim 1, wherein the transmitter and receiver comprise an integrated unit.

9. (previously presented) The switching device of claim 1 further comprising a storage device to maintain the list of available computing devices.

10. (previously presented) A computing system comprising:
multiple computing devices, each of which being configured for wireless communication;

one or more peripheral devices configured to wirelessly receive and/or transmit data; and

a switching device configured to:

maintain a list of available computing devices from among the multiple computing devices;

receive a user communication selecting from among the list of available computing devices; and

establish a first wireless link between the peripheral device and the switching device and a second wireless link between the switching device and a computing device selected from the list of available computing devices enabling wireless user interaction.

11. (original) The computing system of claim 10, wherein the computing devices comprise desktop computers.

12. (original) The computing system of claim 10, wherein at least one of the peripheral devices comprises a keyboard.

13. (original) The computing system of claim 10, wherein at least one of the peripheral devices comprises a mouse.

14. (original) The computing system of claim 10, wherein at least one of the peripheral devices comprises a display.

15. (previously presented) The computing system of claim 10, wherein at least one of the peripheral devices comprises one or more of a keyboard, mouse or display.

16. (previously presented) A computing system comprising:
multiple computing devices, each of which being configured for wireless communication;
one or more peripheral devices configured to wirelessly receive and/or transmit data and linkable with the computing devices for data exchange; and
a switching device configured to
wirelessly receive and transmit data from and to the
peripherals and the computing devices;
maintain a list of available computing devices from among
the multiple computing devices;
receive a user communication selecting from among the list
of available computing devices; and
establish a first wireless link between the one or more
peripheral devices and the switching device and a second wireless
link between the switching device and a computing device selected
from the list of available computing devices enabling user
interaction with the computing devices.

17. (original) The computing device of claim 16, wherein the computing devices comprise desktop computers.

18. (original) The computing device of claim 16, wherein at least one of the peripheral devices comprises a keyboard.

19. (original) The computing device of claim 16, wherein at least one of the peripheral devices comprises a mouse.

20. (original) The computing device of claim 16, wherein at least one of the peripheral devices comprises a display.

21. (previously presented) A method of controlling multiple computing devices utilizing a switching device, the method comprising:
establishing a first wireless link with a peripheral device;
maintaining a list of available computing devices;
receiving data from a user, the data being associated with a user selection of an available computing device from the list;
using the received data to select a computing device;
establishing a second wireless link with the selected computing device;
and
permitting the user to interact with the selected computing device via said first and second wireless links.

22. (original) The method of claim 21, wherein said receiving comprises wirelessly receiving said data from the user.

23. (previously presented) The method of claim 21, wherein said permitting comprises wirelessly receiving data from the peripheral device, the peripheral device comprising one or more of: a keyboard, a mouse and a display, and wirelessly transmitting the data to the selected computing device.

24. (cancelled)

25. (previously presented) One or more readable media having instructions thereon which, when executed by a switching device, cause the switching device to:

establish a first wireless link with a peripheral device;
maintain a list of available computing devices;
wirelessly receive data from a user, the data being associated with a user selection from the list of available computing devices;
use the received data to select a computing device;
establish a second wireless link with the selected computing device; and
permit the user to interact with said one computing device via said first and second wireless links.